

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A data processing apparatus that performs data processing to generate an EPG (Electronic Program Guide) to be displayed on a display, comprising:

~~program guide data acquiring~~ means for acquiring program guide data that gives guidance on programs;

~~statistical data acquiring~~ means for acquiring statistical data ~~representing degree of interest in the programs, said statistical data including data indicating scheduling of recording~~ recordings of future broadcast a plurality of programs and data indicating viewing of a recording of a program the recordings of the programs, the data indicating scheduling of recordings including data indicating a number of scheduled recordings of each of the programs for each of a plurality of broadcast time zones of the program; [[and]]

means for averaging, for each of the programs, the data indicating scheduling of recordings based upon a sum of the number of scheduled recordings of the program divided by a number of broadcast time zones of the program, to obtain an average scheduling count of the program; and

~~EPG generating~~ means for generating an EPG including a statistical data layer superimposed upon a program guide data layer as a two-dimensional grid guide format, the statistical data layer including, respective to a programming box for each of the plurality of broadcast time zones of each of the programs, an indicator of the average scheduling count of the program and the data indicating viewing of the recordings of the program ~~displaying the statistical data in superimposed fashion respective to individual programs displayed within the two-dimensional grid guide format of the EPG, the statistical data layer including an~~

~~indicator of the data indicating scheduling of recording of future broadcast programs and an indicator of the data indicating the viewing of the recording of the program.~~

Claim 2 (Cancelled).

Claim 3 (Currently Amended): The data processing apparatus according to Claim [[2]] 1, wherein

[[said]] the statistical data is obtained on the basis of information transmitted from user terminals ~~of users~~, and

said means for generating an EPG includes means for determining an audience rating of the program during the broadcast time thereof is obtained using the programs based on a number of users of said user terminals which transmitted the information a predetermined number of times or more within a predetermined period, as a population parameter.

Claim 4 (Currently Amended): The data processing apparatus according to Claim 1, further comprising:

~~EPG transmission~~ means for transmitting ~~a latest~~ the EPG generated by said ~~EPG generating~~ means for generating an EPG to a user of a user terminal.

Claim 5 (Currently Amended): The data processing apparatus according to Claim 1, further comprising:

~~history data acquiring~~ means for acquiring history data for, ~~as to~~ individual users, the history data ~~which is including~~ a history of actions related to program viewing taken by each of the individual users user;, wherein

said ~~EPG-generating~~ means for generating an EPG includes means for generating an  
~~generates-said~~ EPG in which ~~[[said]]~~ the program guide data, ~~[[said]]~~ the statistical data, and  
~~[[said]]~~ the history data are superimposed.

Claim 6 (Currently Amended): The data processing apparatus according to Claim 1,  
further comprising:

~~operation data acquiring~~ means for acquiring operation data ~~operated~~ indicating when  
a user terminal of a user is caused to perform a predetermined process~~[[;]]~~, wherein

said ~~EPG-generating~~ means for generating an EPG includes means for generating an  
~~generates-said~~ EPG in which ~~[[said]]~~ the program guide data, ~~[[said]]~~ the statistical data, and  
~~[[said]]~~ the operation data are superimposed.

Claim 7 (Currently Amended): The data processing apparatus according to Claim 1,  
wherein

said ~~EPG-generating~~ means for generating an EPG includes means for generating an  
~~generates-said~~ EPG in which ~~[[said]]~~ the program guide data is displayed in a different  
manner for each different broadcast status of a program.

Claim 8 (Currently Amended): The data processing apparatus according to Claim 7,  
wherein

said ~~EPG-generating~~ means for generating an EPG includes means for generating an  
~~generates-said~~ EPG in which ~~[[said]]~~ the program guide data is displayed in different manners  
for a program which ended, a program which is being broadcast, and a program which will be  
broadcast.

Claim 9 (Currently Amended): The data processing apparatus according to Claim 1, wherein

[[said]] the EPG generated by said ~~EPG-generating~~ means for generating an EPG is generated to be interpreted displayable by a web browser.

Claim 10 (Currently Amended): The data processing apparatus according to Claim 1, wherein

[[said]] the EPG generated by said ~~EPG-generating~~ means for generating an EPG is generated to be interpreted displayable by a dedicated browser.

Claim 11 (Currently Amended): The data processing apparatus according to Claim 1, further comprising:

~~aggregation~~ means for aggregating information transmitted from user terminals of ~~users~~ and obtaining said statistical data[[;]], wherein

said ~~statistical data-acquiring~~ means for acquiring statistical data includes means for acquiring the ~~acquires~~ said statistical data obtained by said ~~aggregation~~ means for aggregating information.

Claim 12 (Currently Amended): The data processing apparatus according to Claim 11, wherein

the information transmitted from said user terminals is first information ~~representing~~ indicating that a program is being viewed during a broadcast time thereof, second information ~~representing~~ indicating that a program recorded during a broadcast time thereof is being viewed by playback, or third information ~~representing~~ indicating that a program is being

scheduled for recording or that a scheduled recording schedule of the program is being cancelled.

Claim 13 (Currently Amended): The data processing apparatus according to Claim 12, wherein

the ~~[[said]]~~ first information includes information which specifies the program as being viewed by a user ~~[[and]]~~ at a viewing date/time of the program~~[[;]]~~,

the ~~[[said]]~~ second information includes information which specifies a recorded program as being viewed by the user and a viewing date/time of the recorded program which uses, using a broadcast date/time of the recorded program viewed by the user as a reference~~[[;]]~~, and

the ~~[[said]]~~ third information includes information which specifies that the program which is being scheduled for recording and a recording schedule of the program or whose that the scheduled recording schedule of the program is being cancelled~~[[,]]~~ and ~~information representing the recording schedule or a cancellation schedule thereof~~.

Claim 14 (Currently Amended): The data processing apparatus according to Claim 13, ~~wherein~~ further comprising:

means for generating a good impression level of a program based on the ~~[[said]]~~ first and second information ~~further include a good impression level representing how the users feel about the program~~.

Claim 15 (Previously Presented): The data processing apparatus according to Claim 13, wherein

the second information further includes an actual viewing date/time at which the user viewed the recorded program.

Claim 16 (Currently Amended): The data processing apparatus according to Claim 11, wherein

the information transmitted from said user terminal includes date/time information about broadcast dates/times of the programs, and

said ~~aggregation~~ means for aggregating includes means for aggregating ~~aggregates~~ the information transmitted from said user terminals for predetermined time intervals on the basis of ~~[[said]]~~ the date/time information ~~included in the information~~.

Claim 17 (Currently Amended): The data processing apparatus according to Claim 11, wherein

said ~~aggregation~~ means for aggregating includes means for sorting and storing ~~sorts~~ and ~~stores~~ the information transmitted from said user terminals ~~by the users~~.

Claim 18 (Currently Amended): The data processing apparatus according to Claim 11, wherein

said ~~aggregation~~ means for aggregating includes means for determining ~~determines~~ whether or not the information transmitted from said user terminals is valid, and ~~takes~~ accepts only valid information for aggregation.

Claim 19 (Currently Amended): The data processing apparatus according to Claim 11, wherein

said ~~aggregation~~ means for aggregating includes means for attributing aggregates the information transmitted from said user terminals to individual users, for each of a plurality of users ~~user attributes~~.

Claim 20 (Currently Amended): The data processing apparatus according to Claim 11, wherein

the information transmitted from said user terminals includes a good impression level representing how ~~[[the]]~~ users feel about the programs ~~a program~~, and

said ~~aggregation~~ means for aggregating further includes a means for aggregating the aggregates said good impression level for ~~each~~ of the programs.

Claim 21 (Currently Amended): The data processing apparatus according to Claim 1, wherein

~~said EPG generating means generates an the~~ EPG ~~in which said~~ displays program guide data for one day ~~is displayed~~ on one page.

Claim 22 (Currently Amended): A data processing method of performing data processing to generate an EPG (Electronic Program Guide) to be displayed on a display, comprising:

acquiring program guide data that gives guidance on programs;

acquiring, by an information processing unit of a data processing apparatus, statistical data ~~representing degree of interest in the programs~~, said statistical data including data indicating scheduling of ~~recording~~ recordings of ~~future broadcast~~ a plurality of programs and data indicating viewing of ~~a recording of a program~~ the recordings of the programs, the data indicating scheduling of recordings including data indicating a number of scheduled

recordings of each of the programs for each of a plurality of broadcast time zones of the program; [[and]]

averaging, for each of the programs, the data indicating scheduling of recordings based upon a sum of the number of scheduled recordings of the program divided by a number of broadcast time zones of the program, to obtain an average scheduling count of the program; and

generating an EPG including a statistical data layer superimposed upon a program guide data layer as a two-dimensional grid guide format, the statistical data layer including, respective to a programming box for each of the plurality of broadcast time zones of each of the programs, an indicator of the average scheduling count of the program and the data indicating viewing of the recordings of the program ~~displaying the statistical data in superimposed fashion respective to individual programs displayed within the two-dimensional grid guide format of the EPG, the statistical data layer including an indicator of the data indicating scheduling of recording of future broadcast programs and an indicator of the data indicating the viewing of the recording of the program.~~

Claim 23 (Currently Amended): A non-transitory computer readable storage medium encoded with computer program instructions that, when executed by a processor of a computer, cause the computer to perform data processing to generate an EPG (Electronic Program Guide) that is displayed on display means displaying information, comprising:

acquiring program guide data that gives guidance on programs;

acquiring statistical data ~~representing degree of interest in the programs, said statistical data~~ including data indicating scheduling of recording recordings of future broadcast a plurality of programs and data indicating viewing of a recording of a program the recordings of the programs, the data indicating scheduling of recordings including data



indicating a number of scheduled recordings of each of the programs for each of a plurality of broadcast time zones of the program; [[and]]

averaging, for each of the programs, the data indicating scheduling of recordings based upon a sum of the number of scheduled recordings of the program divided by a number of broadcast time zones of the program, to obtain an average scheduling count of the program; and

generating an EPG including a statistical data layer superimposed upon a program guide data layer as a two-dimensional grid guide format, the statistical data layer including, respective to a programming box for each of the plurality of broadcast time zones of each of the programs, an indicator of the average scheduling count of the program and the data indicating viewing of the recordings of the program ~~displaying the statistical data in superimposed fashion respective to individual programs displayed within the two-dimensional grid guide format of the EPG, the statistical data layer including an indicator of the data indicating scheduling of recording of future broadcast programs and an indicator of the data indicating the viewing of the recording of the program.~~

Claim 24 (Currently Amended): A data processing system including:

a server for transmitting information; and

a user terminal for receiving information from said server, wherein

either said server or said user terminal includes

~~program guide data-acquiring~~ means for acquiring program guide data that gives guidance on programs;

~~statistical data-acquiring~~ means for acquiring statistical data ~~representing degree of interest in the programs, said statistical data including data indicating scheduling of recording recordings of future broadcast~~ a plurality of programs and

data indicating viewing of a recording of a program the recordings of the programs,  
the data indicating scheduling of recordings including data indicating a number of  
scheduled recordings of each of the programs for each of a plurality of broadcast time  
zones of the program; [[and]]

means for averaging, for each of the programs, the data indicating scheduling  
of recordings based upon a sum of the number of scheduled recordings of the program  
divided by a number of broadcast time zones of the program, to obtain an average  
scheduling count of the program; and

~~EPG-generating~~ means for generating an EPG including a statistical data layer  
superimposed upon a program guide data layer as a two-dimensional grid guide  
format, the statistical data layer including, respective to a programming box for each  
of the plurality of broadcast time zones of each of the programs, an indicator of the  
average scheduling count of the program and the data indicating viewing of the  
recordings of the program displaying the statistical data in superimposed fashion  
~~respective to individual programs displayed within the two-dimensional grid guide~~  
~~format of the EPG, the statistical data layer including an indicator of the data~~  
~~indicating scheduling of recording of future broadcast programs and an indicator of~~  
~~the data indicating the viewing of the recording of the program.~~

Claims 25-28 (Cancelled).

Claim 29 (New): A data processing apparatus that performs data processing to  
generate an EPG (Electronic Program Guide) to be displayed on a display, comprising:  
an information aggregation unit configured

to aggregates program guide data that gives guidance on programs, and

to acquire statistical data including data indicating scheduling of recordings of a plurality of programs and data indicating viewing of the recordings of the programs, the data indicating scheduling of recordings including data indicating a number of scheduled recordings of each of the programs for each of a plurality of broadcast time zones of the program; and  
a guide page creation unit configured

to average, for each of the programs, the data indicating scheduling of recordings based upon a sum of the number of scheduled recordings of the program divided by a number of broadcast time zones of the program, to obtain an average scheduling count of the program, and

to generate an EPG including a statistical data layer superimposed upon a program guide data layer as a two-dimensional grid guide format, the statistical data layer including, respective to a programming box for each of the plurality of broadcast time zones of each of the programs, an indicator of the average scheduling count of the program and the data indicating viewing of the recordings of the program.

Claim 30 (New): The data processing apparatus according to Claim 1, wherein the statistical data further includes data indicating live viewing of the programs, the data indicating live viewing including, for each of the programs, a number of persons who viewed the program for each of the plurality of broadcast time zones of the program.

Claim 31 (New): The data processing apparatus according to Claim 30 further comprising:

means for averaging, for each of the programs, the data indicating live viewing of the programs based upon a sum of the number of persons who viewed the program divided by the

number of broadcast time zones of the program, to obtain an average live viewing count for the program, wherein

said means for generating an EPG includes means for generating an EPG in which the statistical data layer includes, respective to the programming box for each of the plurality of broadcast time zones of each of the programs, an indicator of the live viewing count of the program.

Claim 32 (New): The data processing apparatus according to Claim 1, wherein the data indicating viewing of recordings of the programs includes, for each of the the programs recorded, a number of persons who viewed the recording of the program for each of the plurality of broadcast time zones the program was recorded.

Claim 33 (New): The data processing apparatus according to Claim 32, further comprising:

means for averaging, for each of the programs recorded, the data indicating viewing of recordings of the programs based upon a sum of the number of persons who viewed the recording of the program divided by the number of broadcast time zones the program was recorded, to obtain an average playback count for the program, wherein

said means for generating an EPG includes means for generating an EPG in which the statistical data layer includes, respective to the programming box for each of the plurality of broadcast time zones of each of the programs, an indicator of the average playback count of the program.

Claim 34 (New): The data processing apparatus according to Claim 1, wherein  
the statistical data further includes data indicating live viewing of the programs, the  
data indicating live viewing including, for each of the programs, a number of persons who  
viewed the program for each of the plurality of broadcast time zones of the program, and  
the data indicating viewing of recordings of the programs includes, for each of the  
programs recorded, a number of persons who viewed the recording of the program for each of  
the plurality of broadcast time zones the program recorded.

Claim 35 (New): The data processing apparatus according to Claim 34, further  
comprising:

means for averaging, for each of the programs, the data indicating live viewing of the  
programs based upon a sum of the number of persons who viewed the program divided by the  
number of broadcast time zones of the program, to obtain an average live viewing count of  
the program; and

means for averaging, for each of the programs recorded, the data indicating viewing  
of recordings of the programs based upon a sum of the number of persons who viewed the  
recording of the program divided by the number of broadcast time zones the program  
recorded, to obtain an average playback count for the program, wherein

said means for generating an EPG includes means for generating an EPG in which the  
statistical data layer further includes, respective to the programming box for each of the  
plurality of broadcast time zones of each of the programs, an indicator of the average live  
viewing count of the program and an indicator of the average playback count of the program.